

DAFTAR PUSTAKA

1. Martin, S., Griswold, W., Environmental Science Brief for Citizens, *Center for Hazardous Substance Research Kansas State University*, 2009(15): 1-6.
2. Louhi, A., Hammadi, A., Acouri, Mabrouka., Determination of Some Heavy Metal Pollutants in Sediment of the Seboue River in Annaba, Algeria., *Air, Soil and Water Research*, 2012(5): 91-101.
3. Baranowska, I., Srogi, K., Włochowicz, A., Szczepanik, K., Determination of Heavy Metal Contents in Samples of Medicinal Herbs, *Polish Journal of Environmental Studies*, 2002, 5(11): 467-471.
4. Ali, M.F., Shakraini, S.A., A Comparison of ICP-OES and UV-VIS Spectrophotometer for Heavy Metals Determination in Soil Irrigated with Soil Secondary Treated Wastewater, *International Journal of Civil and Environmental Engineering IJCEE-IJENS*, 2014, 1(14): 8-15.
5. Saryati, Wardiyati, S., Aplikasi Voltametri Untuk Penentuan Logam Berat dalam Bahan Lingkungan, *Akreditasi LIPI*, 2007, 536.
6. Yilmaz, S., Yagmur, S., Saglikoglu, G., Saglikoglu, M., Direct Determination of Zn Heavy Metal in Tap Water of Canakkale (Turkey) by Anoda Stripping Voltammetry Technique, *Int. J. Electrochem. Sci*, 2009(4): 288-294.
7. Raj, J., Raina, A., Mohineesh, Dogra, T.D., Direct Determination of Zinc, Cadmium, Lead, Copper Metal in Tap Water of Delhi (India) by Anodic Stripping Voltammetry Technique, *EDP Sciences*, 2013, 09009: 1-4
8. Chailtali, V.M, Dhote, J., Review of Heavy Metals in Drinking Water and Their Effect on Human Health, *International Journal of Innovative Research in Science, Engineering and Technology*, 2013, 7(2): 2992-2996.
9. Li, Y., Liu, X., Zeng, X., Liu, Y., Liu, X., Wei, W., Luo, S, Simultaneous Determination of Ultra-Trace Lead and Cadmium at Hydroxyapatite-Modified Carbon ionic Liquid Electrode by Square Wave Stripping Voltammetry, *Sensors and Actuators B*, 2009, 139: 604-610.
10. Hassler, C.S., Legiret, F.E., Buttler, E.C.V., Measurement of Iron Chemical Speciation in Sea Water at 4°C: The use of Competitive Ligan-Exchange Adsorptive Cathodic Stripping Voltammetry, *Marine Chemistry*, 2013, 149: 63-73.
11. Meepun, N., Siriket, S., Dejmanee, S, Adsorptive Stripping Voltammetry for Determination of Cadmium in The Presence of Cupperon on a Nafion-Coated Bismut Film Electrode, *Int. J. Electrochem.Sci.*, 2012, 7: 10582-10592.
12. Herrero, E., Arancibia, V., Rojas-Romo, C., Simultaneous Determination of Pb^{2+} , Cd^{2+} , and Zn^{2+} by Adsorptive Stripping Voltammetry Using Qliquinol

as Chelating-Adsorbent Agent, *Journal of Electroanalytical Chemistry*, 2014, 729: 9-14.

13. Abbasi, S., Bahiraei, A., Abbasi, F., A Highly Sensitive Method for Simultaneous Determination of Ultra Trace Levels of Copper and Cadmium in Food and Water Samples with Luminol as a Chelating Agent by Adsorptive Stripping Voltammetry, *Food Chemistry*, 2011, 129: 1274-1280.
14. Agustiva, Deswati, Suyani, S., OPTIMASI Penentuan Ni(II) dan Co(II) secara Simultan dengan Voltammetri Stripping Adsorptif (AdSV), *Jurnal Kimia Unand*, 2013, 3(2): 104-112.
15. Espada-Bellido, E., Galindo-Riaño, M.D., García-Vargas, M., Sensitive Adsorptive Stripping Voltammetric Method for Determination of Lead in Water Using Multivariate Analysis for Optimization, *Journal of Hazardous Materials*, 2009, 166: 1326-1331.
16. Al-Ghamdi, A.F., Electrochemical Determination of Cd^{2+} in Some Al-Madinah Water Samples and Human Plasma by Cathodic Stripping Voltammetry in The presence of Oxine as Chelating Agent, *Journal of Tibah University for Science*, 2014, 8: 19-25.
17. Rojas, C., Arancibia, V., Gómez, M., Nagles, E., High Sensitivity Adsorptive Stripping Voltammetric Method for Antimony(III) Determination in The Presence of Quercetin 5'-Sulfonic Acid. Substituent Effect of Sensitivity, *Sensors and Actuators B*, 2013, 183: 560-567.
18. Piech, R., Baś, B., PaCzosa-Bator, B., Kubiak, W.W., Adsorptive Stripping Voltammetric Determination of Vanadium(V) with Chloranilic Acid Using Cyclic Renewable Mercury Film Silver Based Electrode, *J. Electroanal. Chem*, 2009, 633: 333-338.
19. Gawryś, M., Golimowsky, J., Sensitive and Very Selective Determination of Titanium by Adsorptive-Katalytic Stripping Voltammetry with Methylthymol Blue, Xylenol Orange and Clacein, *Anal. Chim. Acta*, 2001, 427: 55-61.
20. Yokoi, K, Mizumachi, M, dan Koide T, Determination of Cadmium by Adsorptive Stripping Voltammetry of a cadmium-kalsein blue complex, *Analytical Science*, 1995(11): 257-260.
21. Abbasi, S., Bahiraei, A., Ultra Trace of Quantification of Chromium (VI) in Food and Water Samples by Highly Sensitive Catalytic Adsorptive Stripping Voltammetry with Rubeanic Acid, *Food Chem*, 2012, 133: 1075-1080.
22. Deswati, Munaf, E., Suyani, H., Zein R., Pengembangan Metode Voltammetri Stripping Adsorptif untuk Analisis Logam Berat, *Laporan Penelitian S-3 Program Pasca Sarjana*, Jurusan Kimia FMIPA, Universitas Andalas. 2014.

23. Sudarmaji, J.M., Corie, I.P, Toksikologi logam berat B3 dan dampaknya terhadap kesehatan, *Jurnal Kesehatan lingkungan*, 2006, 2(2), 129-142.
24. Purwanti. W, Strudi Pembuatan Perangkat DGT (*Diffusive Gradient in Tje Film*) dan modifikasi Refin Gel Menggunakan Kitosan serta Aplikasinya pada Pengukuran Logam Krom (III), Sarjana S-2, *Tesis*, Universitas Indonesia, Depok, 2011.
25. Housecroft, C.E., Alan G.S., *Inorganik Chemistry*, Second Edition, Ashford Colour Press Ltd, Gosport., England, 2005: 379.
26. Palar, H, *Pencemaran dan toksikologi logam berat*, Rineka cipta, Jakarta, 2012, 20-82.
27. Lilik. M, Konsentrasi Logam Berat Pb, Cd, Cu, Zn dan Pola Sebarannya di Muara Banjir Kanal Barat, Semarang, *Tesis*, Sekolah Pascasarjana, IPB, Bogor, 2006.
28. Wang.J., *Analytical Electrochemistry*, Third Edition, John Wiley & Sons Inc., New York, 2006:85-108.
29. Ahmadi, F., Gholivand, M.B., Yawari, E., Introduce of Minoxidil as a Very Selective Ligan for Ultra Trace Detection of Copper Ion by Adsorptive Stripping Voltammetric Method. *Anal. Bioanal. Electrochem*, 2012, 4(4): 431-446.
30. Deswati, Suyani, H., Chairini, N., Studi Optimasi Penentuan Seng secara Voltammetri Stripping Adsorptif (AdSV), *Jurnal Kimia Unand*, 2013, 1(2): 98-106.
31. In aki, B., Durand, J.S., Casado, J.A, Simultaneous Spectrofluorimetric Determination of the Rare Earths with Calcein, *Talanta*, 1999, 48, 719–728
32. Gawrys, M., Mowski, J.Z, Sensitive and Very Selective Determination of Titanium by Adsorptive Stripping Voltammetry with Methylthymol Blue, Xylinol Orange and Calcein, *Anal. Chim. Acta*, 2001, 427, 55-6.
33. Phillips, D., Paul, B. Jr, Formation Constants and Metal to Ligand Ratios for Calcein Blue-Metal Complexes. *Anal. Lett.*, 1971, 4(12), 867-872.
34. Deswati, Suyani H, Safni, Loekman U, Pardi H, Simultaneous Determination of Cadmium, Copper and Lead in Sea Water by Adsorptive Stripping Voltammetry in The Presence of Calcon as a Complexing Agent, *Indo J.Chem*, 13(3): 236-241, 2013.
35. Deswati, Suyani H, Safni, Loekman U, The Method Development of Analysis Cd, Cu, Pb And Zn in Sea Water by adsorptive Stripping Voltammetry (Asv)

in The Presence of Calcon as Complexing Agent, *Indo. J. Chem*, 12 (1), 20 – 27, 2012.

36. Anonim, AOAC Guidelines for Singgle Laboratory Validation of Chemical Methods for Dietary Supplemements and Botanicals, 2002, http://www.aoac.org/Official_Methods/slv_guideline.pdf, diakses 15/08/2015.

